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2613

P/16-302 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of

Katsuyuki SAITO

Serial No. 10/047,025

Filed: January 17, 2002



Date: April 9, 2002

Group Art Unit: 2613

Examiner:

For: ENDOSCOPIC IMAGING SYSTEM MAKING IT POSSIBLE TO DETACHABLY
ATTACH EXPANSION UNIT HAVING EXTERNAL EXPANSION FACILITY AND
ADD EXPANSION FACILITY FOR IMPROVING CAPABILITY OF SYSTEM

Asst. Commissioner for Patents
Customer Service Center
Office of Initial Patent Examination
Washington, D.C. 20231

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07/18/2002 LDIEP1 00000005 150700 10047025

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AI FC:122
07/18/2002 LDIEP1 00000005 150700 10047025
01 FC:122

RESPONSE TO NOTICE OF OMITTED ITEM(S)
IN A NON-PROVISIONAL APPLICATION

This is in response to the Notice of Omitted Item(s) in a Non-Provisional Application mailed February 21, 2002 indicating that pages 7 and 8 of the Specification and Figures 1-17, 20, 24-31, 33-36, 38, 40, 42 and 44-46 were not received by the Patent Office. Submitted herewith is a copy of the postcard receipt indicating that all 75 pages of the Specification and 29 sheets of drawings containing Figures 1 through 46 were received by the Patent Office, as well as a copy of the application transmittal, indicating that these were the items included in the application package.

Since it is suspected that the some of the pages may have been inadvertently separated from the other papers after receipt by the Patent and Trademark Office, a duplicate copy of the items listed in the Notice are attached hereto for the convenience of the Patent and Trademark Office.

It is respectfully submitted that no fee should be charged to the Applicant. If, however, a fee is required for any reason, it can be charged to the undersigned's Deposit Account #15-0700.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Ass't. Commissioner for Patents, Washington, D.C. 20231, on April 9, 2002

Max Moskowitz

Name of applicant, assignee or
Registered Representative

Signature

April 9, 2002
Date of Signature

Respectfully submitted,

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OFFICE OF PETITIONS

Max Moskowitz

Registration No.: 30,576

OSTROLENK, FABER, GERB & SOFFEN, LLP

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New York, New York 10036-8403

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Serial No. _____ Filing Date 1/17/2002 OFGS File No. 0/16-302
Title Endoscopic Tissue System Making it Possible
First Inventor Kat S. Y. K. & S. S. Patel Date 1/17/2002
The PTO has received: Last Due Date: _____
☒ Patent Application of 75
 Pages (including claims & abstract)
 ☐ Declaration or ☐ Designation Sheet
☒ Drawings 29 Sheet(s)/Fig. 1 to 46
 ☐ Priority Document
☒ Small Entity Declaration
☐ Assignment & Conveyance Cover Sheet
☒ Information Disclosure Statement
☐ PTO-1449
☒ Amendment Preliminary
☐ Affidavit or Declaration
☒ Corrected Formal Drawings
☒ Check No. 8005 for \$ 740.00
Atty/Secy Est / Cpf
☐ TM Application ☐ ITU 1071 U.S. PTO
☐ Statement of Use
☐ Extension of Time
☐ Notice of Appeal
☐ Brief
☐ Petition
☐ Status Request
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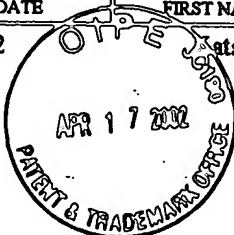
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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
USPTO.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/047,025	01/17/2002	Yatsuyuki Saito	P/16-302 DIV

000002352

OSTROLENK FABER GERB & SOFFEN
1180 AVENUE OF THE AMERICAS
NEW YORK, NY 100368403



CONFIRMATION NO. 5548

FORMALITIES LETTER



OC000000007505864

Date Mailed: 02/21/2002

NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, **RECEIVED** item(s) appear to have been omitted from the application:

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- Page(s) 7 & 8 of the specification (description and claims).
- Figure(s) 1-17, 20, 24-31, 33-36, 38, 40, 42 & 44-46 described in the specification.

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I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date must be filed within **TWO MONTHS** of the date of this Notice.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabelled drawing figures, is required. Any drawing changes should be accompanied by a copy of the drawing figures showing the proposed changes in red ink. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

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A copy of this notice MUST be returned with the reply.



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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Assistant Commissioner for Patents
Washington, DC 20231

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OFGS File No. : P/16-302 DIV
Inventor : Katsuyuki SAITO, et al.
Title : ENDOSCOPIC IMAGING SYSTEM MAKING IT
POSSIBLE TO DETACHABLY ATTACH EXPANSION
UNIT HAVING EXTERNAL EXPANSION FACILITY AND
ADD EXPANSION FACILITY FOR IMPROVING
CAPABILITY OF SYSTEM
Assignee : Olympus Optical Co., Ltd.

The present application is a divisional under 37 C.F.R. §1.53(b) of prior application Serial No. 09/120,559, filed July 22, 1998, by Katsuyuki Saito, et al. entitled "ENDOSCOPIC IMAGING SYSTEM MAKING IT POSSIBLE TO DETACHABLY ATTACH EXPANSION UNIT HAVING EXTERNAL EXPANSION FACILITY AND ADD EXPANSION FACILITY FOR IMPROVING CAPABILITY OF SYSTEM".

Enclosed herewith please find the following documents in the above-identified application for United States Letters Patent:

- X Print EFS Data Sheet
- 75 Pages of Specification including Abstract and Claims
- 12 Numbered Claims Calculated as 12 Claims for Fee Purposes
- 29 Sheets of Drawing Containing Figures 1 to 46. (Formal)
- X Copy of Declaration and Power of Attorney from the prior application under 37 CFR 1.63(d). The entire disclosure of the prior application is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated herein by reference.
- X Preliminary Amendment
- X Priority under 35 U.S.C. §119 based on Japanese Application Nos. H9-197114, filed July 23, 1997; H9-201565 filed July 28, 1997; H9-206679, filed July 31, 1997 and H-9-208123,

filed August 1, 1997, is claimed. The certified copy of the priority application has been filed in said prior application Serial No. 09/120,559, filed July 22, 1998.

☐ Small Entity Status is claimed

☒ The prior application was assigned to Olympus Optical Co., Ltd. and was recorded on July 22, 1998 at Reel 9351, Frame 0738.

☒ Return-Addressed Post Card

OFGS Check No.8005, which includes the fee of \$740.00 calculated as follows:

Basic Filing Fee: \$ 740.00

Additional Filing Fees:

Total Number of Claims in Excess of 20, times \$18: \$ 0.00

Number of Independent Claims in Excess of 3, times \$80: \$ 0.00

One or More Multiple Dependent Claims: Total \$270.

Total Filing Fees or

Total Filing Fee Reduced 50% for Small Entity: \$ 740.00

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed, or if any additional fee during the prosecution of this case is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

Respectfully submitted,



Ellen S. Tao

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main unit, the expansion facility can be added to the system readily. Thus, the capability of the system can be improved.

Other features and advantages of the present invention will be fully apparent from the description below.

BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1 and 3 relate to the first embodiment of the present invention;

Fig. 1 is a block diagram showing an overall configuration of an endoscopic imaging system;

Fig. 2 is a front view showing a configuration of a front panel of a camera control unit shown in Fig. 1;

Fig. 3 is a diagram showing a variant of the camera control unit, which is shown in Fig. 1, included in the endoscopic imaging system whose capability can be expanded;

Figs. 4 and 5 relate to the second embodiment;

Fig. 4 is a front view showing a structure of an expansion slot;

Fig. 5 is a sectional view of the expansion slot shown in Fig. 4;

Figs. 6 and 7 relate to the third embodiment of the present invention;

Fig. 6 is a sectional view showing a structure of an expansion slot;

Fig. 7 is a sectional view showing a structure of a variant of the expansion slot shown in Fig. 6;

Figs. 8 to 16 relate to the fourth embodiment of the present invention;

Fig. 8 is a sectional view showing a structure of an expansion slot;

Fig. 9 is a sectional view showing a structure of an outer side of the expansion slot shown in Fig. 8 and its surroundings with an expansion unit mounted in the expansion slot;

Fig. 10 is an oblique view showing component members to be assembled into the expansion slot shown in Fig. 8;

Fig. 11 is an oblique view showing a structure of the expansion unit shown in Fig. 9 which is seen from the face thereof;

Fig. 12 is an oblique view showing the structure of the expansion unit shown in Fig. 9 which is seen from the back thereof;

Fig. 13 is an oblique view showing a structure of a variant of the expansion unit shown in Fig. 11;

Fig. 14 is a sectional view showing a structure of a first variant of the expansion slot shown in Fig. 8;

Fig. 15 is a diagram showing a structure of a second



main unit, the expansion facility can be added to the system readily. Thus, the capability of the system can be improved.

Other features and advantages of the present invention will be fully apparent from the description below.

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Figs. 1 and 3 relate to the first embodiment of the present invention;

Fig. 1 is a block diagram showing an overall configuration of an endoscopic imaging system;

Fig. 2 is a front view showing a configuration of a front panel of a camera control unit shown in Fig. 1;

Fig. 3 is a diagram showing a variant of the camera control unit, which is shown in Fig. 1, included in the endoscopic imaging system whose capability can be expanded;

Figs. 4 and 5 relate to the second embodiment;

Fig. 4 is a front view showing a structure of an expansion slot;

Fig. 5 is a sectional view of the expansion slot shown in Fig. 4;

Figs. 6 and 7 relate to the third embodiment of the present invention;

Fig. 6 is a sectional view showing a structure of an expansion slot;

Fig. 7 is a sectional view showing a structure of a variant of the expansion slot shown in Fig. 6;

Figs. 8 to 16 relate to the fourth embodiment of the present invention;

Fig. 8 is a sectional view showing a structure of an expansion slot;

Fig. 9 is a sectional view showing a structure of an outer side of the expansion slot shown in Fig. 8 and its surroundings with an expansion unit mounted in the expansion slot;

Fig. 10 is an oblique view showing component members to be assembled into the expansion slot shown in Fig. 8;

Fig. 11 is an oblique view showing a structure of the expansion unit shown in Fig. 9 which is seen from the face thereof;

Fig. 12 is an oblique view showing the structure of the expansion unit shown in Fig. 9 which is seen from the back thereof;

Fig. 13 is an oblique view showing a structure of a variant of the expansion unit shown in Fig. 11;

Fig. 14 is a sectional view showing a structure of a first variant of the expansion slot shown in Fig. 8;

Fig. 15 is a diagram showing a structure of a second